

In the Claims:

1. (currently amended) A method for forming ultra shallow junctions,
comprising:
providing a semiconductor;
implanting a dopant species into said semiconductor; and
annealing said implanted semiconductor with an ultra high temperature anneal
comprising annealing temperatures from ~~1150°~~ about 1050°C to about 1350°C for a
period of from about 0.5 milliseconds to about 3 milliseconds.
2. (previously presented) The method of claim 1 further comprising an
amorphizing implant.
3. (previously presented) The method of claim 2 wherein said amorphizing
implant comprises implanting a species from the group consisting of silicon, germanium,
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antimony, indium, arsenic, neon, argon, krypton, and xenon.
- 4-18 (canceled)
19. (new) The method of claim 1 wherein said annealing temperature is in the
range of from about 1150°C to about 1350°C.